



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

WinDoor, Inc.  
7500 Amsterdam Drive  
Orlando, FL 32832

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "V130" White PVC Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 08-01755, titled "V130 Vinyl Fixed Window – Single" sheets 1 through 8 of 8, dated 09/06/12, with revision A dated 01/21/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



74P  
3/27/13

NOA No. 12-1019.22  
Expiration Date: April 04, 2018  
Approval Date: April 04, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window - Single", sheets 1 through 8 of 8, dated 09/06/12, with revision a dated 01/21/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of an aluminum fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3820-1**, Specimens 1, 2, 3, 4, 5 and 6, dated 06/20/12, and revised on 01/08/13, signed and sealed by Gerald J. Ferrara, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 09/06/12, 10/11/12 and 01/22/13, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

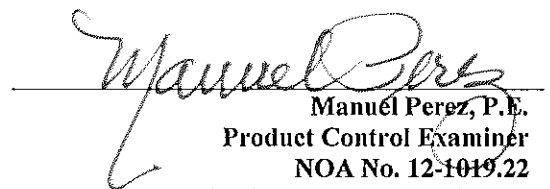
1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **12-0106.01** issued to **VEKA, Inc.** for their "**White PVC Exterior Extrusions for Windows and Doors**" dated 08/09/12, expiring on 03/04/17.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated September 10, 2012, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Reports No. **NCTL-210-3820-1**, issued by National Certified Testing Laboratories, dated 06/20/12, signed and sealed by Gerald J. Ferrara, P.E.

**G. OTHER**

1. None.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. **12-1019.22**  
Expiration Date: April 04, 2018  
Approval Date: April 04, 2013

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.

NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HVHZ
- WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- FRAME MATERIAL: EXTRUDED RIGID PVC.
- UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 2 FOR GLASS OPTIONS.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING STRUCTURAL SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- FOR FRAME INSTALLATION INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- FOR FRAME INSTALLATION INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- FOR CLIP INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- FOR CLIP INSTALLATION INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION

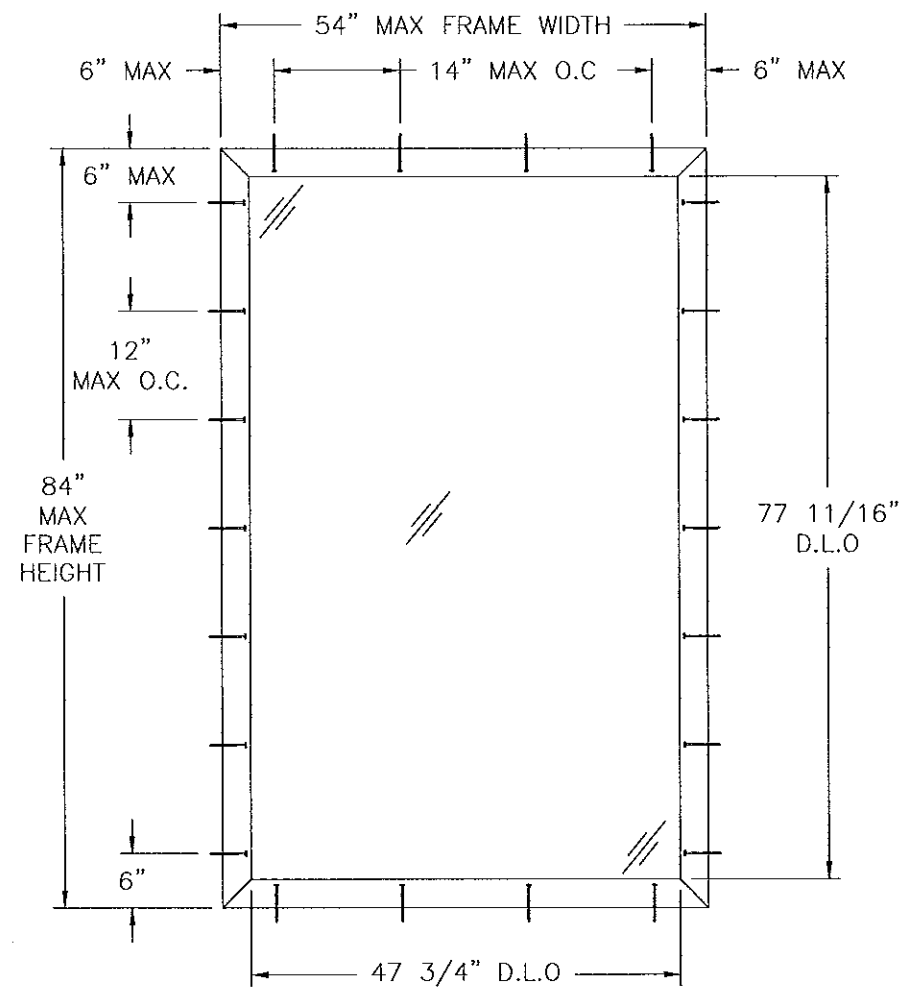
DETAILS.

- FOR CLIP INSTALLATION INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
  - WOOD -- MINIMUM SPECIFIC GRAVITY OF G=0.42
  - CONCRETE -- MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
  - MASONRY -- STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
  - METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

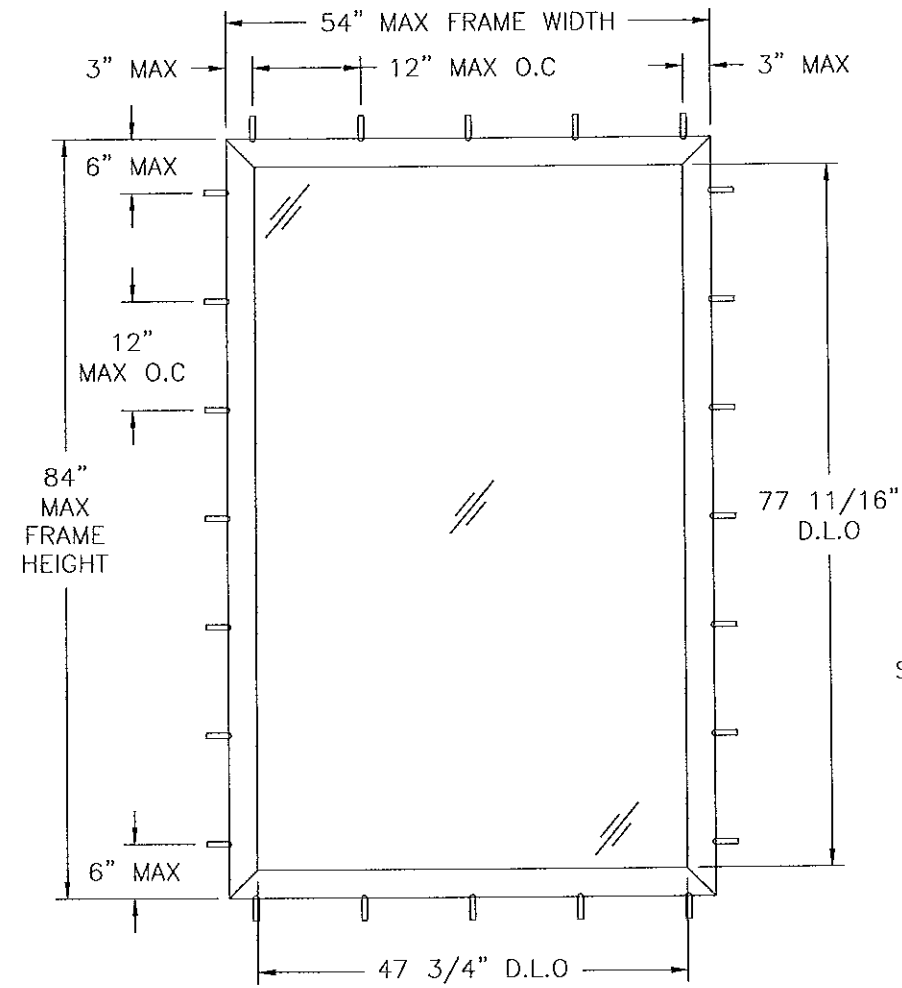
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3	B.O.M. AND CROSS SECTIONS
4 - 7	INSTALLATION DETAILS
8	COMPONENTS.

Approved as complying with the Florida Building Code Date <u>APR 14, 2013</u> NOAH <u>12-10-13-22</u> Miami Dade Product Control By <u>Manuel Perez</u>	<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505    www.windoorinc.com		 01/21/13  Luis R. Lomas P.E. Florida No. 62514	
	V130 VINYL FIXED WINDOW SINGLE NOTES					
	DRAWN: V.L.		DWG NO. 08-01755			REV A
	SCALE NTS	DATE 09/06/12	SHEET 1 OF 8			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.



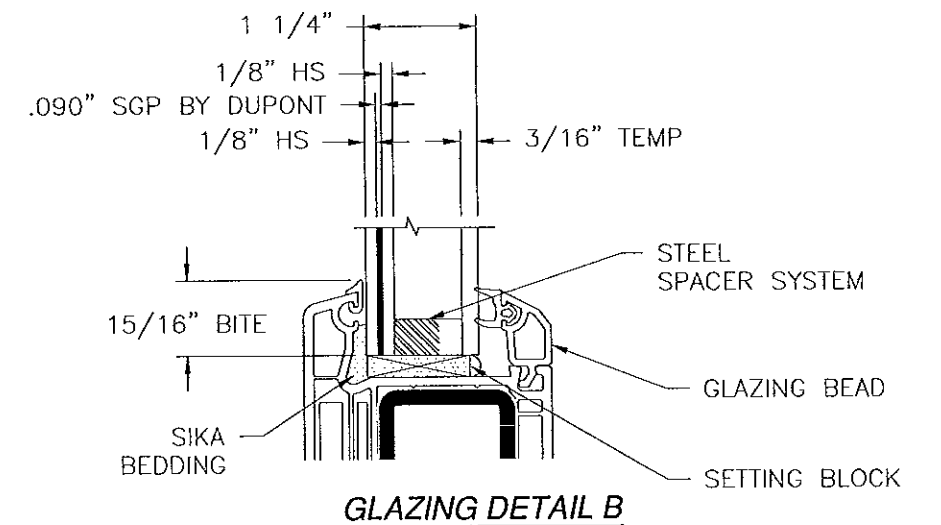
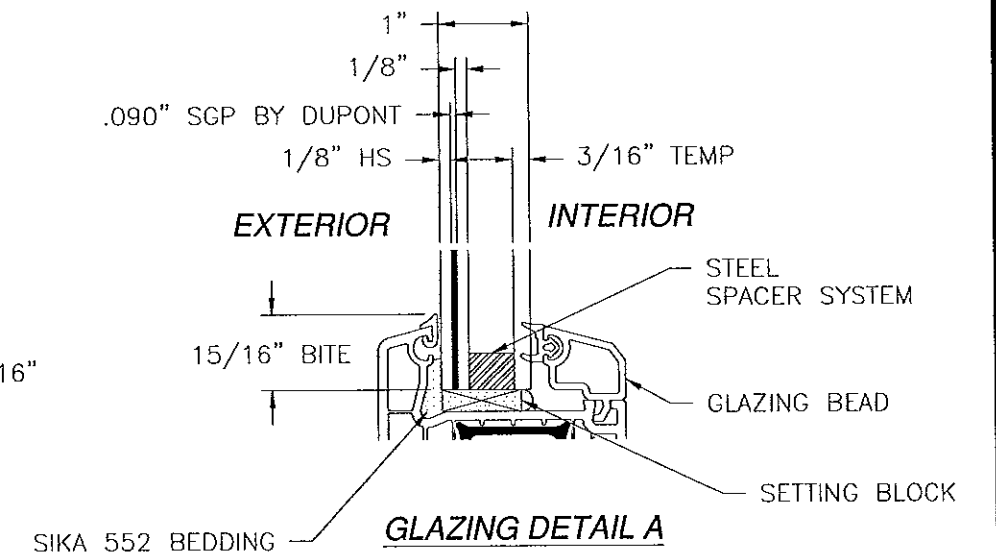
**V130 DIRECT SET VINYL FIXED WINDOW**  
EXTERIOR VIEW  
FRAME INSTALLATION



**V130 DIRECT SET VINYL FIXED WINDOW**  
EXTERIOR VIEW  
CLIP INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
<b>±80.0PSF</b>	<b>LARGE AND SMALL MISSILE IMPACT</b>

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ



Approved as complying with the  
Florida Building Code  
Date APR 14 2013  
NOA# 12-1019-22  
Miami Dade Product Control  
By Manuel Perez

**WinDoor**  
INCORPORATED

7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

**V130 VINYL FIXED WINDOW**  
SINGLE  
NOTES

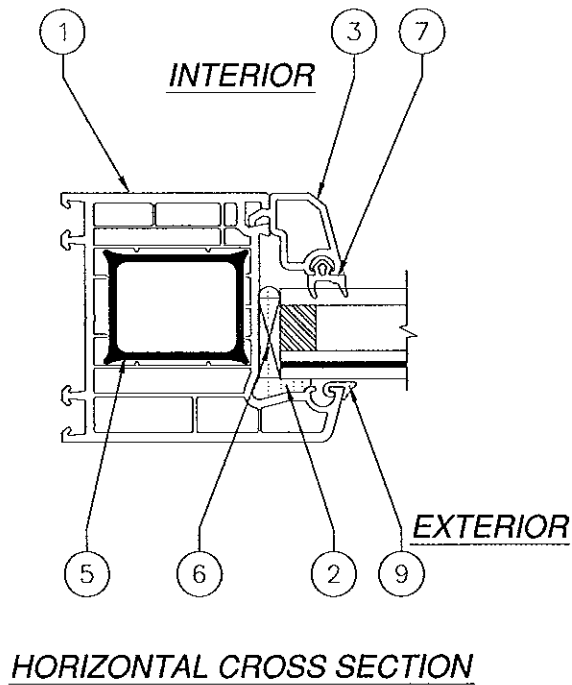
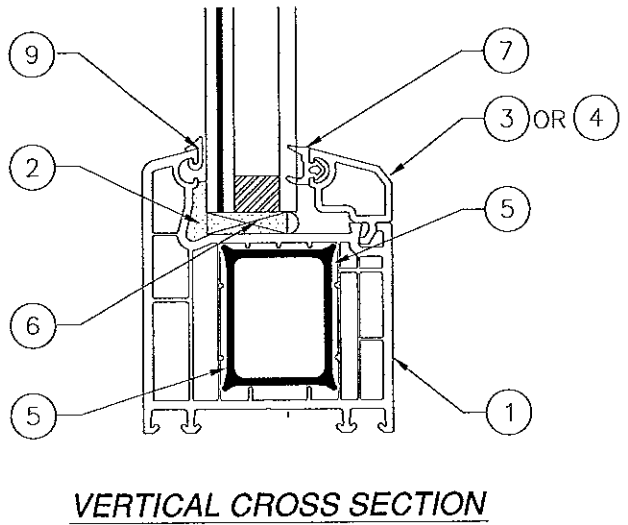
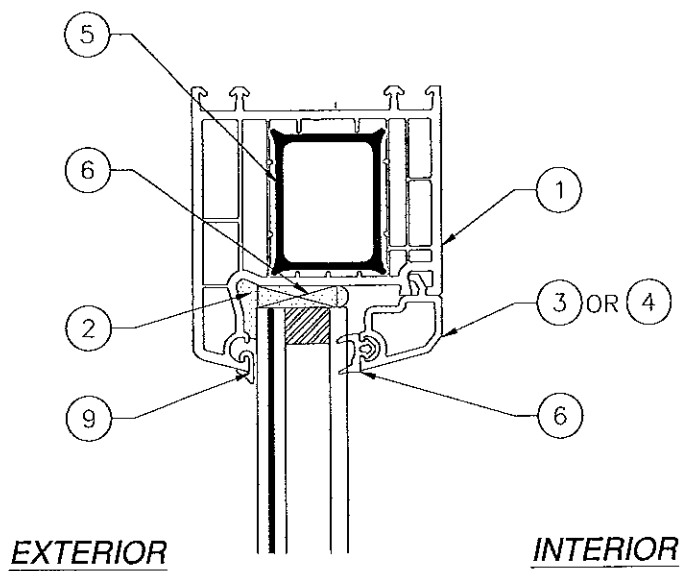
DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 2 OF 8

*[Signature]*  
01/21/13

Luis R. Lomas P.E.  
Florida No. 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	101.214	FRAME	VEKA	RIGID PVC
2	SIKA 552	URETHANE SEALANT		
3	107.200	1" GLAZING BEAD	VEKA	RIGID PVC
4	107.204	1 1/4" GLAZING BEAD	VEKA	RIGID PVC
5	FH-06512	FRAME REINFORCEMENT	KEYMARK	ALUMINUM 6005A T61
6	01-100-7755-002	NEOPRENE SETTING BLOCK	FRANK LOWE	DUROMETER 80
7	112.050	GLAZING GASKET	VEKA	DUROMETER 60
8	141.138	WINDOW INSTALLATION ANCHOR	VEKA	G90 GALV. STEEL
9	TP132	VENT GLAZING LEG ADAPTOR	TEAM PLASTICS	DUROMETER 70

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.



Approved as complying with the  
Florida Building Code  
Date: April 4, 2013  
NOA# 12-1019-22  
Miami Dade Product Control  
By: *Manuel Perez*

**WinDoor**  
INCORPORATED

7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

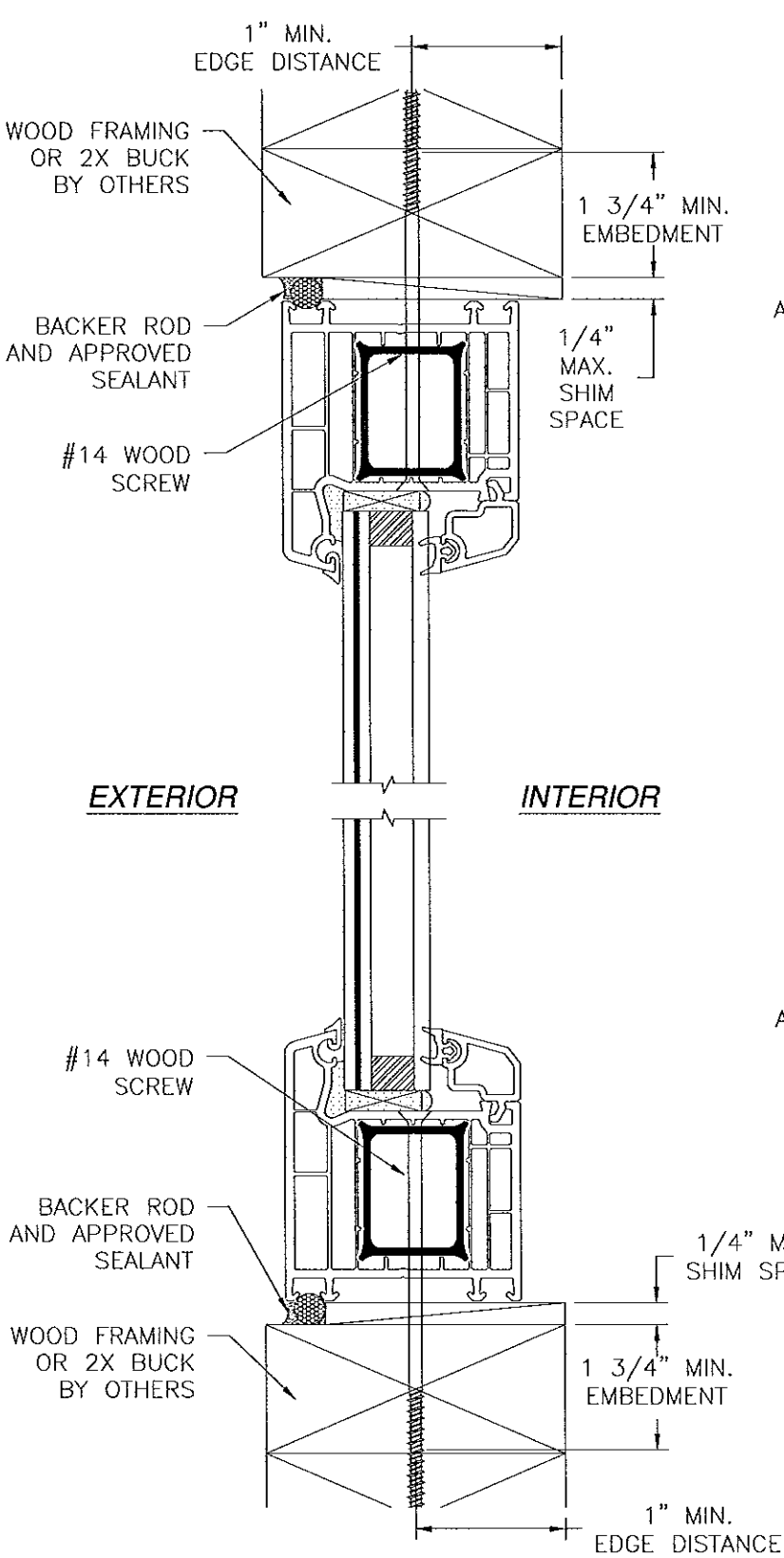
V130 VINYL FIXED WINDOW  
SINGLE  
NOTES

DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 3 OF 8

*Luis R. Lomas*  
01/21/13

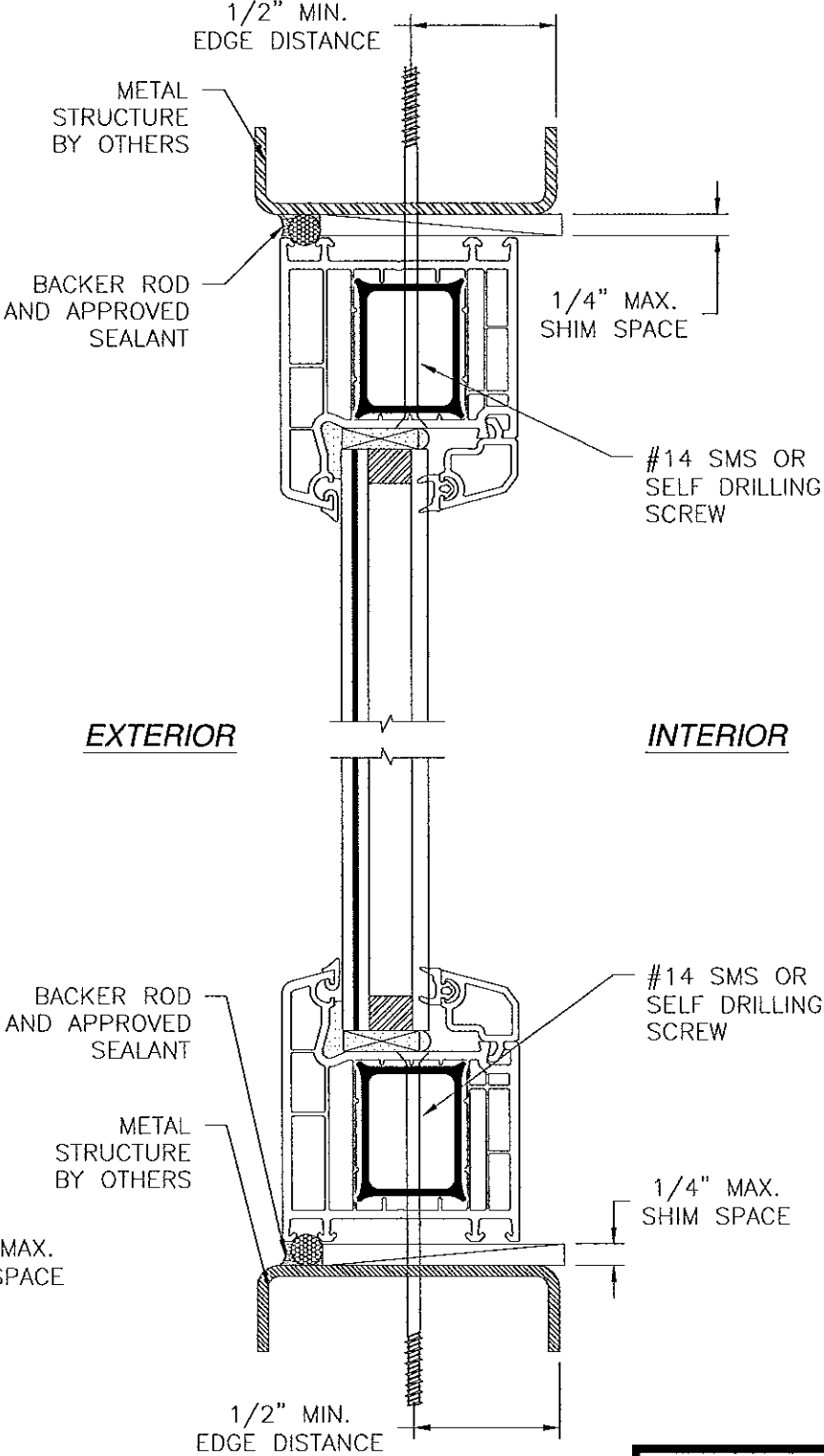
Luis R. Lomas P.E.  
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.



**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

Approved as complying with the  
Florida Building Code  
Date April 4, 2013  
NOAH 12-1014-77  
Miami Dade Product Control

By Manuel Ruiz

**WinDoor**  
INCORPORATED  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

V130 VINYL FIXED WINDOW  
SINGLE  
NOTES

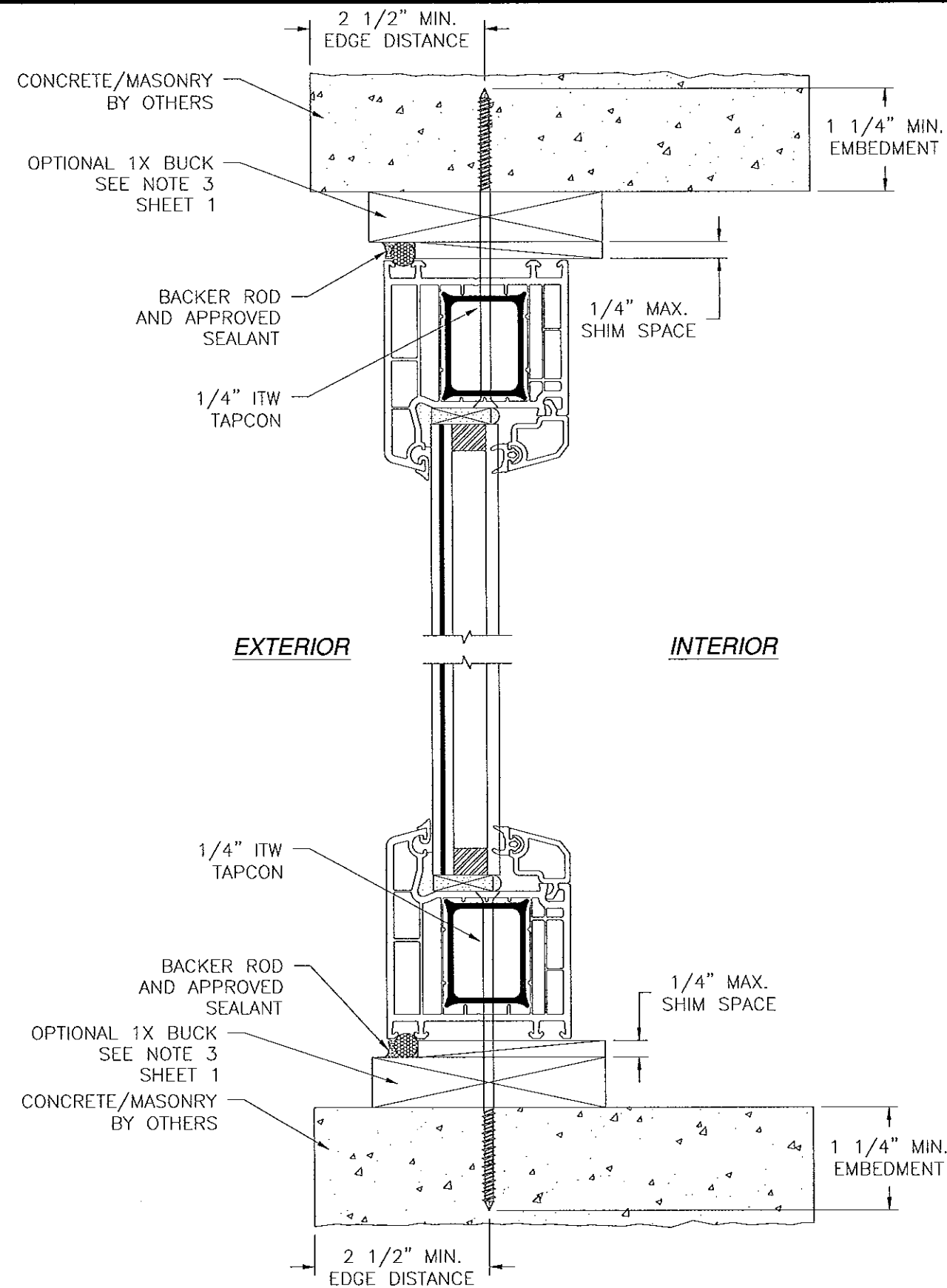
DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 4 OF 8

*Luis R. Lomas*  
01/21/13

Luis R. Lomas P.E.  
Florida No. 62514

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.



**VERTICAL CROSS SECTION**  
CONCRETE/MASONRY INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.

Approved as complying with the  
Florida Building Code  
Date April 4, 2013  
NOA# 17-1019-22  
Miami Dade Product Control  
By Manuel Perez

**WinDoor**  
INCORPORATED

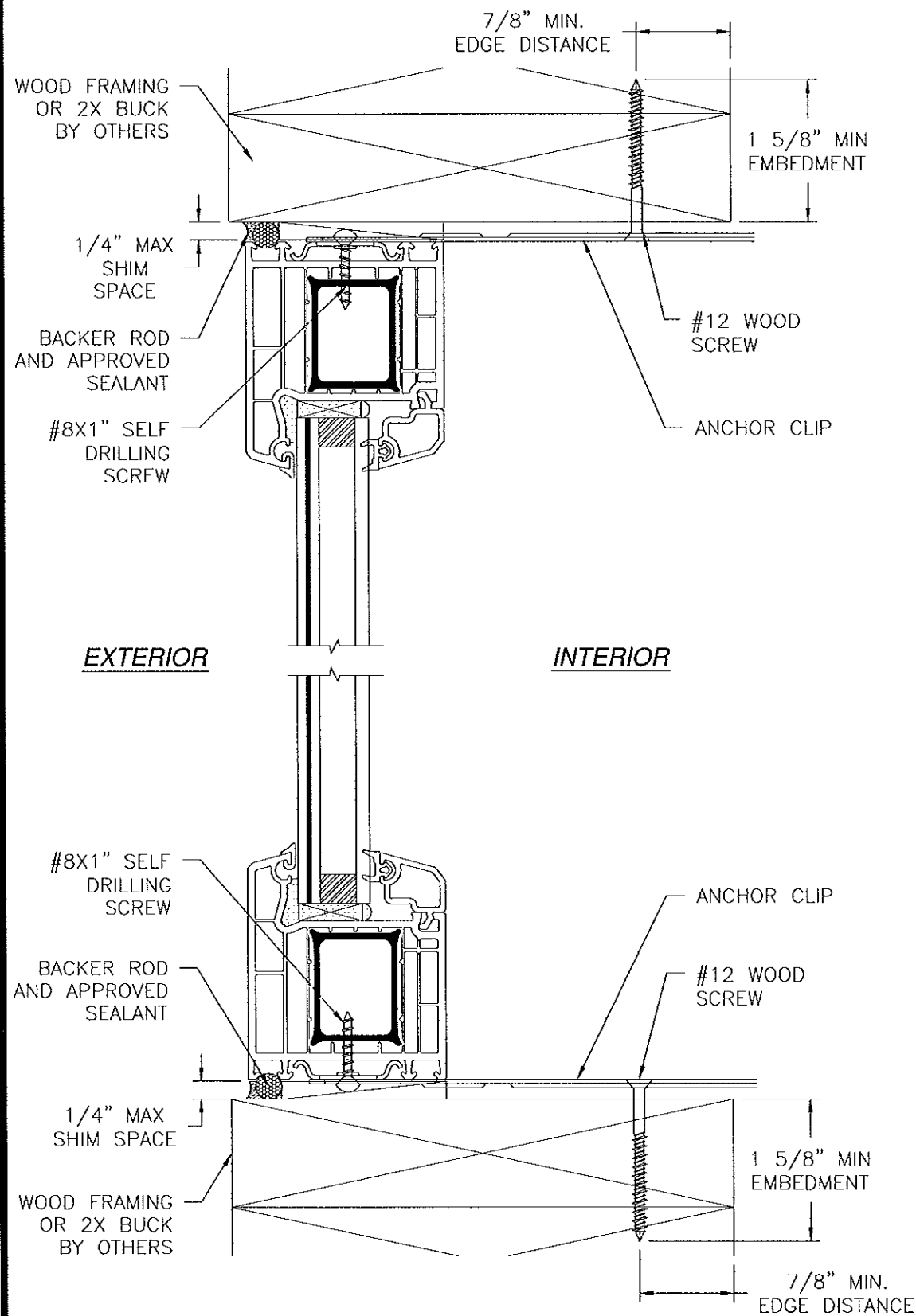
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

V130 VINYL FIXED WINDOW  
SINGLE  
NOTES

DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 5 OF 8

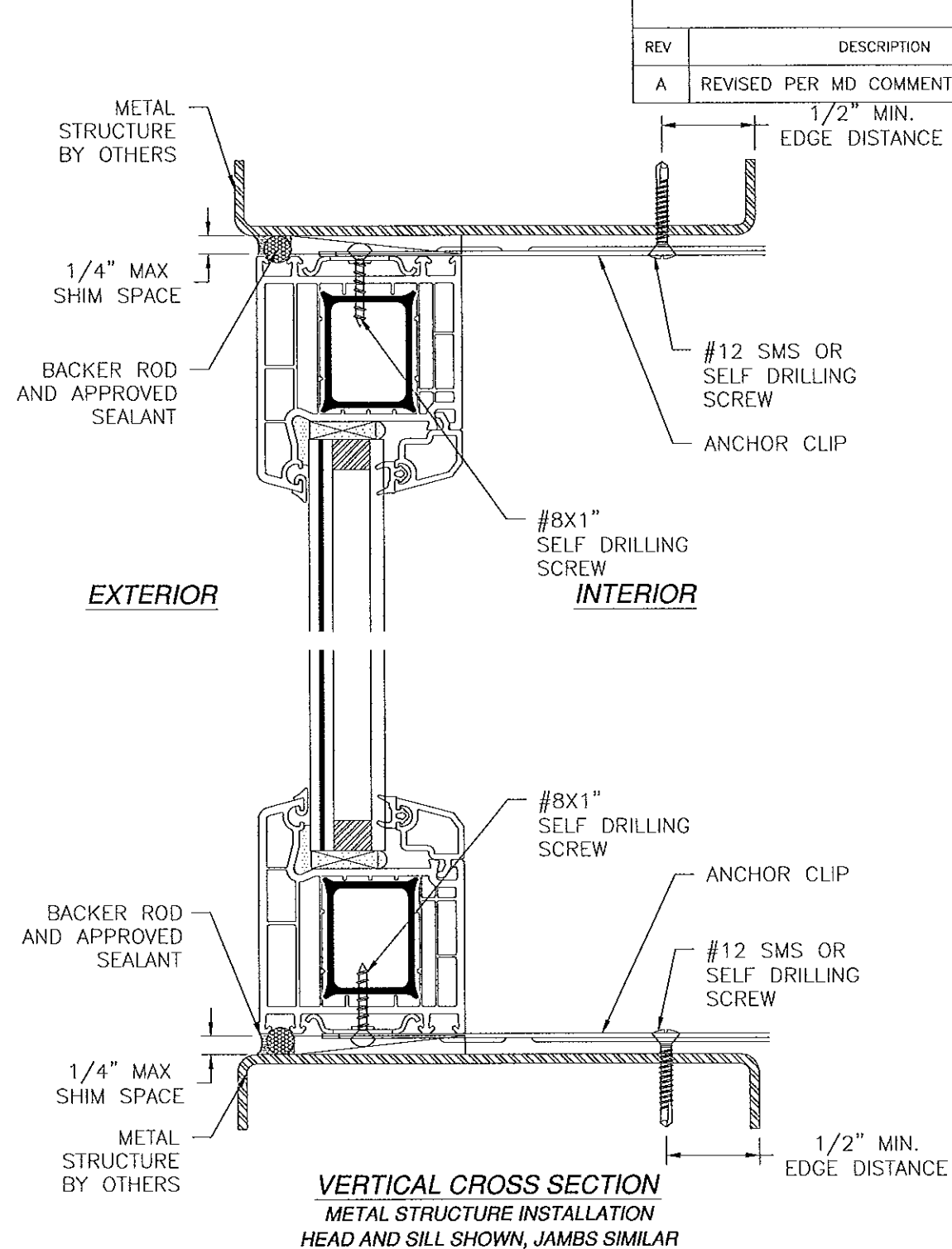
*Luis R. Lomas*  
01/21/13

Luis R. Lomas P.E.  
Florida No. 62514



**VERTICAL CROSS SECTION**  
WOOD FRAMING OR 2X BUCK INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.



**VERTICAL CROSS SECTION**  
METAL STRUCTURE INSTALLATION  
HEAD AND SILL SHOWN, JAMBS SIMILAR

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.

Approved as complying with the  
Florida Building Code  
Date April 4, 2013  
NOAH 12-1019-22  
Miami Dade Product Control  
By Manuel Perez

**WinDoor**  
INCORPORATED

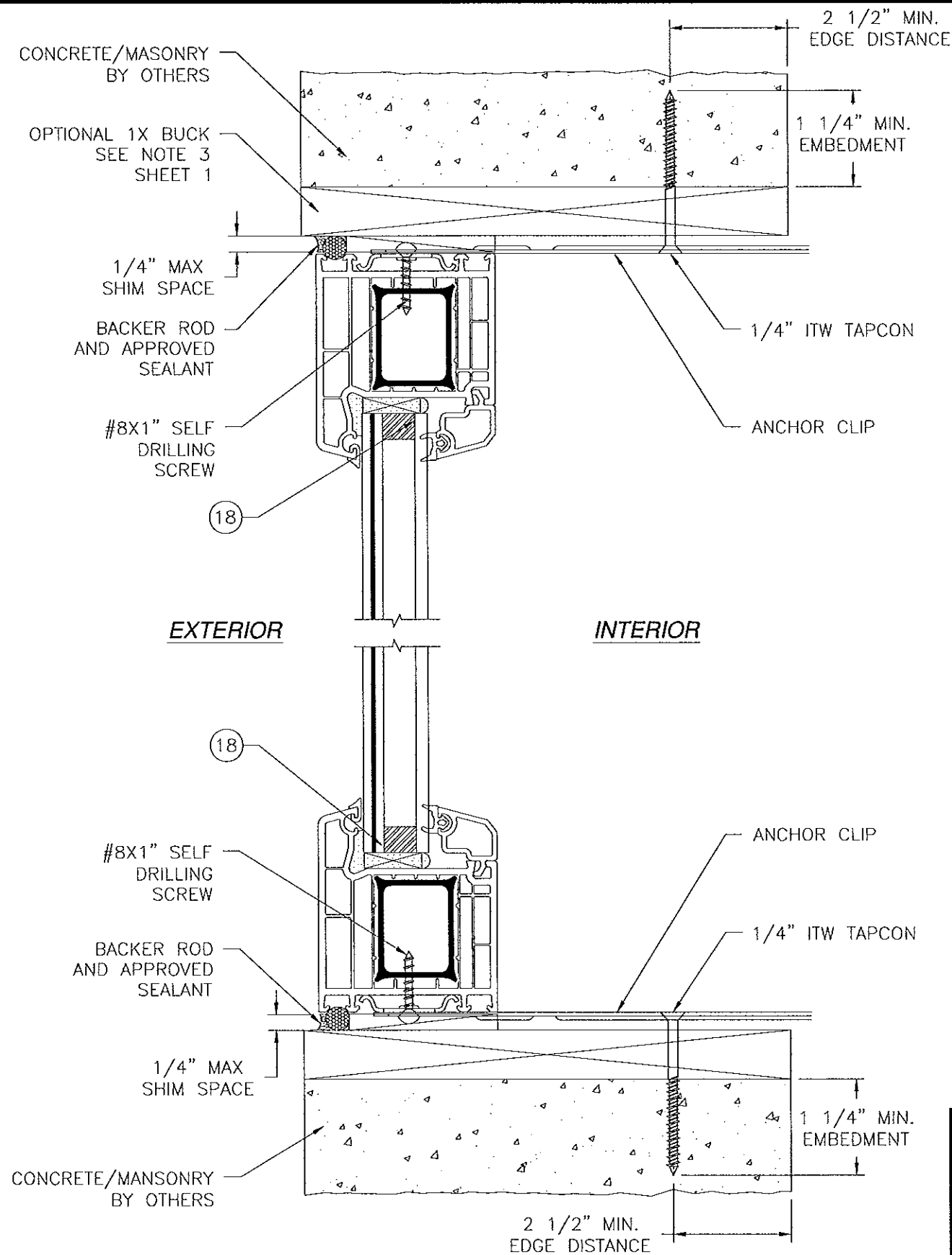
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

V130 VINYL FIXED WINDOW  
SINGLE  
NOTES

DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 6 OF 8

*Luis R. Lomas*  
01/21/13  
Luis R. Lomas P.E.  
Florida No. 62514





**VERTICAL CROSS SECTION**  
**CONCRETE/MASONRY INSTALLATION**  
**HEAD AND SILL, JAMBS SIMILAR**

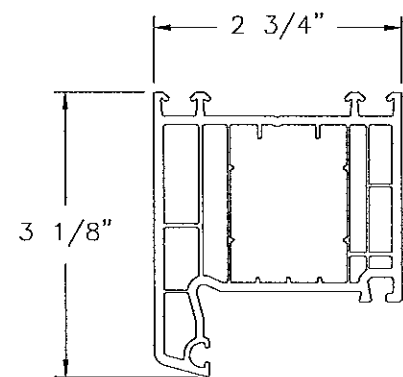
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.

NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
 - INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.

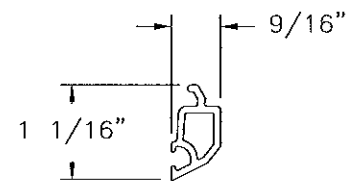
Approved as complying with the  
 Florida Building Code  
 Date April 4, 2013  
 NOAH 12-1019-22  
 Miami Dade Product Control  
 By Manuel Perez

<b>WinDoor</b> INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
V130 VINYL FIXED WINDOW SINGLE NOTES			
DRAWN: V.L.	DWG NO. 08-01755	REV A	
SCALE NTS	DATE 09/06/12	SHEET 7 OF 8	

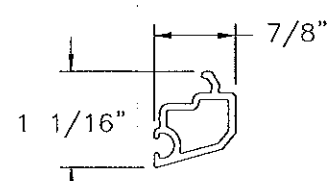
*Luis R. Lomas*  
01/21/13  
 Luis R. Lomas P.E.  
 Florida No. 62514



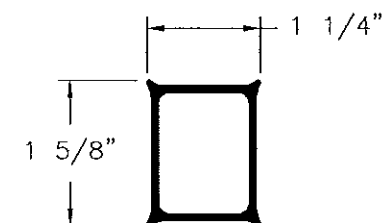
① **FRAME**  
RIGID PVC .110" THICK



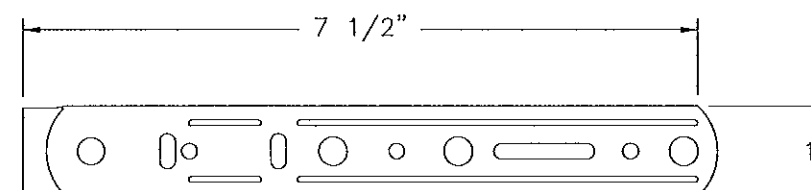
③ **1 1/4" GLAZING BEAD**  
RIGID PVC .075" THICK



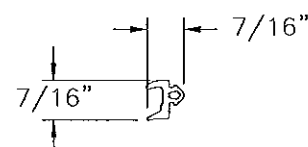
④ **1" GLAZING BEAD**  
RIGID PVC .075" THICK



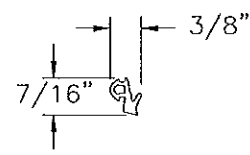
⑤ **REINFORCEMENT**  
ALUMINUM 6005A-T61 .080" THICK



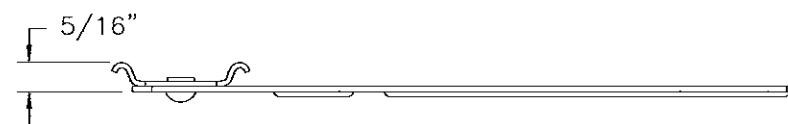
⑧ **ANCHOR CLIP**  
G90 GALVANIZED STEEL .058" THICK



⑦ **GLAZING GASKET**  
EPDM 60 DUROMETER



⑨ **GLAZING GASKET**  
EPDM 70 DUROMETER



NOTE: - SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.  
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	01/21/13	R.L.

Approved as complying with the  
Florida Building Code  
Date April 4, 2013  
NOAH 12-1019-22  
Miami Dade Product Control  
By Manuel Perez

**WinDoor**  
INCORPORATED

7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

V130 VINYL FIXED WINDOW  
SINGLE  
NOTES

DRAWN: V.L.	DWG NO. 08-01755	REV A
SCALE NTS	DATE 09/06/12	SHEET 8 OF 8

Luis R. Lomas  
01/21/13  
Luis R. Lomas P.E.  
Florida No. 62514